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Applicant : RICHARD G. HYATT Jr.  
Serial No.: 08/720,070 (CPA application)  
Filed: 27 September 1996  
For: ELECTROMECHANICAL CYLINDER PLUG

Art Unit: 3627

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**SUPPLEMENTAL AMENDMENT**



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

RICHARD G. HYATT Jr.

Serial No.: 08/720,070 (CPA application) Examiner: BOUCHER, D.

Filed: 27 September 1996 Art Unit: 3627

For: ELECTROMECHANICAL CYLINDER PLUG

**SUPPLEMENTAL AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

*Certificate of Transmission*

*I hereby certify that this correspondence is being facsimile  
transmitted to the Patent and Trademark Office (Fax No. 703-305-3597) on  
July 20, 2001.*

*Respectfully submitted,*

  
\_\_\_\_\_  
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Registration No. 27,774

Entry of the accompanying supplemental amendment in order to correct one typographic  
error in independent claim 56, is respectfully requested.

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CLEAN VERSION OF AMENDMENTS

IN THE CLAIMS

Please amend claim 56 as follows:

1       56. (Four Times Amended) A lock, comprising:

2              a shell containing a hollow recess defining a longitudinal axis and an interior

3              cylindrical surface;

4              a plug rotatable around said longitudinal axis while resident within said hollow

5              recess;

6              an elongate member interposed between said shell and said plug to travel generally

7              along a radial direction between a first position where said elongate member obstructs rotation

8              between said shell and said plug by making a direct simultaneous engagement of both said shell and

9              said plug, and in response to a torque that is externally applied to said plug and causes rotation of

10             said plug within said shell, exiting said recess and traveling to a second position while maintaining

11             a second simultaneous engagement of said shell and said plug that accommodates said rotation;

12             said plug comprising:

13              a first base perforated by an aperture, and a second base separated by an axial

14              length of said plug from said first base, said second base bearing means for supporting a

15              cam;

16              a logic circuit borne by said plug and rotatable with said plug, conveying said

17              data signal between said aperture to said logic circuit; and

18                   an electrical operator responding to said control signals by moving  
19                   independently of said travel by said elongate member in a second direction within a plane  
20                   that maintains said simultaneous engagement by not aligned with said radial direction  
21                   between one of a first orientation obstructing said travel and relative operable movement  
22                   between said shell and said plug while said electrical operator is contained wholly within  
23                   said plug, and a second and different orientation accommodating said travel and said relative  
24                   operable movement between said shell and said plug, and another of said first orientation and  
25                   said second orientation.

REMARKS

Claim 56 is amended in one instance to assure a correct antecedent basis; the noun "slot" is not used in claim 56, and instead the shell is defined as "containing a hollow recess." The Amendment conforms the language of claim 56 to its text, and removes a question of antecedent basis.

This error was inadvertent error made during the amendment of claim 56. Accordingly, no new issue is raised.

The Examiner's consideration of the foregoing amendment is respectfully requested. No fees are incurred.

Respectfully submitted,

  
\_\_\_\_\_  
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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE CLAIMS**

Please amend claim 56 as follows:

1       56. (Four Times Amended) A lock, comprising:

2              a shell containing a hollow recess defining a longitudinal axis and an interior

3              cylindrical surface;

4              a plug rotatable around said longitudinal axis while resident within said hollow

5              recess;

6              an elongate member interposed between said shell and said plug to travel generally  
7              along a radial direction between a first position where said elongate member obstructs rotation  
8              between said shell and said plug by making a direct simultaneous engagement of both said shell and  
9              said plug, and in response to a torque that is externally applied to said plug and causes rotation of  
10             said plug within said shell, exiting said recess [slot] and traveling to a second position while  
11             maintaining a second simultaneous engagement of said shell and said plug that accommodates said  
12             rotation;

13             said plug comprising:

14              a first base perforated by an aperture, and a second base separated by an axial  
15              length of said plug from said first base, said second base bearing means for supporting a  
16              cam;

17              a logic circuit borne by said plug and rotatable with said plug, conveying said

18                   data signal between said aperture to said logic circuit; and  
19                   an electrical operator responding to said control signals by moving  
20                   independently of said travel by said elongate member in a second direction within a plane  
21                   that maintains said simultaneous engagement by not aligned with said radial direction  
22                   between one of a first orientation obstructing said travel and relative operable movement  
23                   between said shell and said plug while said electrical operator is contained wholly within  
24                   said plug, and a second and different orientation accommodating said travel and said relative  
25                   operable movement between said shell and said plug, and another of said first orientation and  
26                   said second orientation.